

L Number	Hits	Search Text	DB	Time stamp
-	598	701/300.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/17 16:32
-	706	(road and window\$1) and gradient\$1 and coordinat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/17 16:13
-	537	((road and window\$1) and gradient\$1 and coordinat\$5) and (accurac\$5 or precision\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/17 16:14
-	676	((road and window\$1) and gradient\$1 and coordinat\$5) and (accurac\$5 or precision\$5 or close\$3 or metric\$3 or match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/17 16:14
-	4222	382/100,104;340/907;348/113;701/200,300.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/18 18:47
-	30	382/100,104;340/907;348/113;701/200,300.ccls. and road and window\$1 and gradient\$1 and coordinates	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/18 18:52
-	9	(382/100,104;340/907;348/113;701/200,300.ccls. and road and window\$1 and gradient\$1 and coordinates) and ((vehicle or car or automobile) near4 lateral)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/18 18:52
-	5684	382/104,107,199,202;404/12,13,16;701/23,28,41;703804dcls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 07:10
-	1631	382/104,107,199,202;404/12,13,16;701/23,28,41;703804dcls. and road	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/19 19:21
-	309	(382/104,107,199,202;404/12,13,16;701/23,28,41;703804dcls. and road) and ((line or lane) near3 (determin\$ or detect\$4 or calcul\$5))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/19 19:22

	39	((382/104,107,199,202;404/12,13,16;701/23,28,41;70384Tçls. and road) and ((line or lane) near3 (determin\$ or detect\$4 or calcult\$5)) ) and gradient\$1 and coordinate\$1	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:32
	1428	road and ((line or lane) near7 recogni\$8)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:33
	15	(road and ((line or lane) near7 recogni\$8)) and ((gradient and coordinate\$1) same (lane or line))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:52
	1414	382/100.ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:52
	868	382/100.ccls. and (lane or line)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:53
	41	(382/100.ccls. and (lane or line)) and road	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/19 19:53
	5684	382/104,107,199,202;404/12,13,16;701/23,28,41;70384Tçls. and (road near4 line)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/20 06:47
	241	382/104,107,199,202;404/12,13,16;701/23,28,41;70384Tçls. and (road near4 line)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/20 07:10
	5684	382/104,107,199,202;404/12,13,16;701/23,28,41;70384Tçls. and (road near3 (lane or line))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/20 07:11
	329	382/104,107,199,202;404/12,13,16;701/23,28,41;70384Tçls. and (road near3 (lane or line))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/09/20 07:18



	156	((automatic near3 (driv\$4 or steer\$4)) and (lane or line)) and gradient\$1 and coordinate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 07:34
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*Yamada, K.; Ito, T.;*  
Vehicle Navigation and Information Systems Conference, 1994. Proceedings., 1994 , 31 Aug.-2 Sept. 1994  
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*Wijesoma, W.S.; Kodagoda, K.R.S.; Balasuriya, A.P.;*  
Robotics and Automation, IEEE Transactions on , Volume: 20 , Issue: 3 , June 2004  
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*Aufrere, R.; Chapuis, R.; Chausse, F.;*  
Intelligent Vehicles Symposium, 2000. IV 2000. Proceedings of the IEEE , 3-5 June 2000

Pages:192 - 197

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---

**5 Results on visual road recognition for road vehicle guidance**

*Behringer, R.; Maurer, R.B.M.;*

Intelligent Vehicles Symposium, 1996., Proceedings of the 1996 IEEE , 19-20 1996

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---

**6 Finding and tracking road lanes using "line-snakes"**

*Dong Jung Kang; Jang Won Choi; In So Kweon;*

Intelligent Vehicles Symposium, 1996., Proceedings of the 1996 IEEE , 19-20 1996

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---

**7 On-board camera 3D-motion analysis**

*Uchimura, K.; Zhencheng Hu;*

Information, Decision and Control, 2002. Final Program and Abstracts , 11-13 2002

Pages:123 - 128

[\[Abstract\]](#) [\[PDF Full-Text \(197 KB\)\]](#) [IEEE CNF](#)

---

**8 Curve finder combining perceptual grouping and a Kalman like fitter**

*Guichard, F.; Tarel, J.-P.;*

Computer Vision, 1999. The Proceedings of the Seventh IEEE International Conference on , Volume: 2 , 20-27 Sept. 1999

Pages:1003 - 1008 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) [IEEE CNF](#)

---

**9 A robust lane detection using real-time voting processor**

*Takahashi, A.; Ninomiya, Y.; Ohta, M.; Tange, K.;*

Intelligent Transportation Systems, 1999. Proceedings. 1999 IEEE/IEEJ/JSAI International Conference on , 5-8 Oct. 1999

Pages:577 - 580

[\[Abstract\]](#) [\[PDF Full-Text \(548 KB\)\]](#) [IEEE CNF](#)

---

**10 Understanding driving situations using a network model**

*Ito, T.; Yamada, K.; Nishioka, K.;*

Intelligent Vehicles '95 Symposium., Proceedings of the , 25-26 Sept. 1995

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 Industrial Electronics, 2002. ISIE 2002. Proceedings of the 2002 IEEE International Symposium on , Volume: 2 , 8-11 July 2002  
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